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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/687,557	
	<b>Filing Date</b>	October 15, 2003	
	<b>First Named Inventor</b>	Frei	
	<b>Group Art Unit</b>	3736	
	<b>Examiner Name</b>	Unassigned	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	011738.00209

ENCLOSURES (check all that apply)				
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <b>Certificate of Express Mail Return Receipt Requested</b>		
<table border="1"><tr><td><b>Remarks</b></td></tr><tr><td>The Commissioner is authorized to charge any fees in connection with this correspondence to Deposit Account No. 19-0733. A duplicate of this sheet is enclosed.  Express Mail No. EL 995824438 US</td></tr></table>			<b>Remarks</b>	The Commissioner is authorized to charge any fees in connection with this correspondence to Deposit Account No. 19-0733. A duplicate of this sheet is enclosed.  Express Mail No. EL 995824438 US
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm or Individual name</b>	Kenneth F. Smolik Banner & Witcoff, Ltd.
<b>Signature</b>	
<b>Date</b>	June 18, 2004

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 011738.00209)

In re U.S. Patent Application of Frei, et al.	)	
	)	
Application No. 10/687,557	)	Group Art Unit: 3736
	)	
Filed: October 15, 2003	)	Examiner: Unassigned
	)	
For: Signal Quality Monitoring and Control	)	Confirmation No. 7145
for a Medical Device System	)	
	)	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§1.97 and 1.98, the Applicant filed an Information Disclosure Statement on April 26, 2004 for the above-identified application.

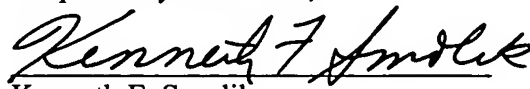
This Supplemental Information Disclosure Statement is being submitted to advise the Commissioner of the following related co-pending patent applications:

10/687,133	10/687,344	10/687,570
10/687,135	10/687,348	10/687,571
10/687,289	10/687,389	10/688,214
10/687,290	10/687,566	
10/687,306	10/687,567	

Each of the above-mentioned patent applications was filed on the same date of October 15, 2003 and claims the same priority dates of October 15, 2002 and September 19, 2003.

Dated: June 18, 2004

Respectfully submitted,

By:   
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CERTIFICATE OF EXPRESS MAIL  
(PATENT)

Attorney Docket No. 011738.00209

Express Mail No. EL 995824438 US  
Deposited June 18, 2004

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR §1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Frei, et. al., U.S. Patent Application No. 10/687,557 for "SIGNAL QUALITY MONITORING AND CONTROL FOR A MEDICAL DEVICE SYSTEM"

- Transmittal Form (in duplicate)
- Supplemental Information Disclosure Statement (2 pages)
- Return Receipt Postcard